

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

me of Work: Improvements to Roads and Footpaths Pipeline Road at Mallasandra Colony in Mallasandra Ward No 13 Shettyhalli Sub Division.

Est .Cost Rs.30.00 Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
For CC Drain	Cum							
Pipe line Road		1	51.00	1.10	1.00	56.10		
Kuvempu School Rd		1	14.50	1.10	1.00	15.95		
For Kerb Stone								
Pipe line Road		1	279.50	0.30	0.20	16.77		
Kuvempu School Rd		1	215.90	0.30	0.20	12.95		
Qty						101.77	175.96	17907.45
Providing and fixing Pre cast solid concrete kerb stones made out of CC1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No.25/ Item No. 5.29 and 5.29.1/ PWD SR 2016-17								
Pipe line Road		1	279.50					
Kuvempu School Rd		1	215.90					
Length/0.45=Nos			495.40					
Qty						1101.00	385.84	424809.84
Removing B S Slab Drain And Stacking Page No25 Item No 5.32 PWD SR 2016-17								
Pipe line Road		1	51.00	1.35		68.85		
Kuvempu School Rd		1	14.50	1.35		19.58		
Qty						88.43	65.72	5811.62
KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
For CC Drain	Cum							
Pipe line Road		1	51.00	1.05	0.15	8.03		
Kuvempu School Rd		1	14.50	1.05	0.15	2.28		
						10.32		
from using available coarse aggregates								
Available CA			6.63			5.64	4443.52	25049.96
Balance Qty	Cum					4.68		
Qty						4.68	5159.02	24144.21
KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
For Footpath	Cum							
Pipe line Road LHS		1	121.00	0.60	0.15	10.89		
Pipe line Road LHS		1	144.60	1.12	0.15	24.29		
Kuvempu School Rd LHS		1	107.00	0.50	0.15	8.03		
Kuvempu School Rd RHS		1	70.00	0.50	0.15	5.25		

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
Below Kerb								
Pipe line Road		1	279.50	0.30	0.15	12.58		
Kuvempu School Rd		1	215.90	0.30	0.15	9.72		
						Qty	70.75	5159.02
								365008.67
Providing and Laying plain reinforced cement concrete for side drains using m20 nominal mix concrete with OPC cement 300kgs. With 20mm and down size granite metal course aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machineries. Complete Excluding cost of steel as per MORTH Specification no 1500, 1700, 2200. Wall And Bottom thickness 15cm KSSRB Page No 265 Item No 37.59 and 37.59.2								
For CC Drain Raft	Cum							
Pipe line Road		1	51.00	0.95	0.15	7.27		
Kuvempu School Rd		1	14.50	0.90	0.15	1.96		
For CC Drain Wall								
Pipe line Road		2	51.00	0.15	0.60	9.18		
Kuvempu School Rd		2	14.50	0.15	0.60	2.61		
For Footpath						21.02		
Pipe line Road LHS		1	121.00	0.60	0.15	10.89		
Pipe line Road LHS		1	144.60	1.10	0.15	23.86		
Kuvempu School Rd LHS		1	107.00	0.50	0.15	8.03		
Kuvempu School Rd RHS		1	70.00	0.50	0.15	5.25		
						Qty	69.04	11032.48
								761682.42
KSSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17								
For RCC Drain	Tonnes		20.63	x	60kgs	1.24		
						Qty	1.24	64243.42
								79661.84
Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specifications.								
For CC Drain Top Covering Slab	Cum							
Pipe line Road	Sq.M	1	51.00	0.90		45.90		
		1	16.50	0.90		14.85		
		1	40.00	0.90		36.00		
Kuvempu School Rd		1	114.50	0.90		103.05		
		1	101.20	0.90		91.08		
Missing Slabs		1	79.00	0.90		71.10		
						Qty	361.98	1957.00
								708394.86
KSSRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page No. 181/ Item No. 24.1/ PWD SR 2016-17								
For Kerb Stone	Sq.M							
Pipe line Road		1	1441.40		0.35	504.49		
Kuvempu School Rd		1	215.90		0.35	75.57		
						580.06	63.60	36891.50
KSSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 100x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No.5.4 Page No. 25/ Item No. 5.27.2/ PWD SR 2016-17								

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
Pipe Line Road	Sqm	2	102.00		0.4	81.60		
Kuvempu School Road LHS		2	101.00		0.4	80.80		
RHS		2	100.00		0.4	80.00		
						242.40	880.86	213520.46
KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2015-16)								
Coping	Cum							
Pipe Line Road		2	102.00	0.15	0.075	2.30		
Kuvempu School Road LHS		2	101.00	0.15	0.075	2.27		
RHS		2	100.00	0.15	0.075	2.25		
						6.82	5767.46	39334.07
Total Construction Cost								2702208.89
KRIDL Charges, Miscellaneous and Rounding off								297791.11
Grand Total								3000000.00

[Signature]
Asst Engineer

Project Division Dasarahalli
BBMP

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Asst Executive Engineer
Project Division Dasarahalli
BBMP

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Executive Engineer
Project Division Dasarahalli
BBMP

PS/13/17-18
ದಿನಾಂಕ: 31.10.17
30.00,000/- Lacs
Thirty Lacs only
ಗಣಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಧಾರಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
[Signature]
ಪ್ರಾ.ಸಂ. ವಿಭಾಗ
ಪಾಸಪಟ್ಟಿ ಪಡೆಯ, ಬಿಜಿಎಂ.ಸಿ.

ನಂ. CE/TS/232/17-18 ದಿನಾಂಕ : 31/10/2017
ರೂ. Rs. 30.00 lakhs only
ಗಣಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಧಾರಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
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ಆಯುಕ್ತ ಸಹಾಯಕಿ
ಪ್ರಾ.ಸಂ. ವಿಭಾಗ
ಪಾಸಪಟ್ಟಿ ಪಡೆಯ, ಬಿಂಗಳೂರು.